



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/747,749	12/29/2003	Vishal Bhasin	03-1001	6141
32127	7590	11/05/2007	EXAMINER	
VERIZON			VO, HUYEN X	
PATENT MANAGEMENT GROUP				
1515 N. COURTHOUSE ROAD, SUITE 500			ART UNIT	
ARLINGTON, VA 22201-2909			PAPER NUMBER	
			2626	
			NOTIFICATION DATE	
			DELIVERY MODE	
			11/05/2007	
			ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@VERIZON.COM

Office Action Summary

Application No.

10/747,749

Applicant(s)

BHASIN ET AL.

Examiner

Huyen X. Vo

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12/29/2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 8/21/2007 have been fully considered but they are not persuasive. Junqua et al. (US 6415257) fully anticipate the limitation regarding *"presenting the response to aid in the performance tuning of the one or more speech applications"* (referring to the argument section) in that the system returns multiple possible matches in accordance with the user's query to the user for selection (*col. 3, line 45 to col. 4, line 6 and/or col. 5, lines 1-11*). This process improves recognition accuracy and efficiency, and is considered the same as tuning the speech application.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless – (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Junqua et al. (US 6415257).

3. Regarding claims 1, 8, and 15, Junqua et al. disclose a method, an analyzer, and a network for aiding in tuning of one or more speech applications, comprising:

receiving event data associated with a plurality of user interactions with the one or more speech applications (*col. 2, line 43 to col. 3, line 27, event data is the history of previous usage by a particular*);

storing the event data in a database (*col. 2, line 43 to col. 3, line 27, history of usage is stored in a database*);

receiving a request for information (*col. 3, lines 28-60*);

retrieving at least a portion of the event data from the database based on the request (*col. 4, line 1 to col. 5, line 33, particularly col. 4, line 62 to col. 5, line 10*);

formulating a response to the request using the retrieved event data (*col. 4, line 1 to col. 5, line 33, particularly col. 4, line 62 to col. 5, line 10*); and

presenting the response to aid in the performance tuning of the one or more speech applications (*the operation of figure 1, display 36*).

4. Regarding claims 7 and 16-17, Junqua et al. disclose a system, method, and analyzer for aiding in tuning of one or more speech applications, comprising:

means for obtaining event data associated with a plurality of user interactions with a plurality of distributed speech application systems (*col. 2, line 43 to col. 3, line 27, event data is the history of previous usage by a particular*);

means for storing the event data (*col. 2, line 43 to col. 3, line 27, history of usage is stored in a database*);

means for periodically analyzing the event data to identify potential problem areas (*col. 4, line 1 to col. 5, line 33, particularly col. 4, line 62 to col. 5, line 10*,

Art Unit: 2626

whenever the system is in use, user profile is supplied for use by the speech recognition system); and

means for providing results of the periodic analyzing to aid in the performance tuning of one or more of the speech application systems (the operation of figure 1, display 36).

5. Regarding claims 2-6 and 8-12, Junqua et al. further disclose that the one or more speech applications are associated with a plurality of distributed speech application systems (*within the scope of the reference, see figure 1*), wherein the event data includes information regarding verbal and non-verbal exchanges that occurred during users' interactions with the one or more speech applications (*within the scope of the reference, user's history of usage is collected during user's interaction with the system, and the interaction can be verbal and non-verbal*), generating a search query based on the request for information, and using the search query to identify event data in the database that is relevant to the search query (*col. 3, line 35 to col. 5, line 11*), generating statistics based on the retrieved event data, and using the statistics as the response to the request (*within the scope of the speech recognizer, referring to col. 7, line 1 to col. 8, line 67*), organizing the retrieved event data to a form that satisfies the request, and using the organized event data as the response to the request (*referring to figure 2, different data fields*).

6. Regarding claims 13-14, Junqua et al. further disclose the voice stream analyzer of claim 8, further comprising: a presentation engine configured to display the response on a graphical user interface, wherein when providing the response, the analysis engine is configured to provide the response to the presentation engine (*referring to the operation of figure 1, particularly monitor 36*).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hutchison (US 6785647) is considered pertinent to the claimed invention.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huyen X. Vo whose telephone number is 571-272-7631. The examiner can normally be reached on M-F, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HXV

10/23/2007

